



FRUTISTA VIPER 3 FLAVOR

ILLUSTRATED PARTS



Release Date: April 2, 2010

Publication Number: 621360041TBIPL

Revision Date: December 29, 2014

Revision: J

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Contact Information:

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

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This document contains the original instructions for the unit described.

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Printed in U.S.A.

TABLE OF CONTENTS

Cladding Assembly	1
Foam Pack/Drive Assembly	2
Faceplate Assembly	3
Motorman Valve Assembly	4
Product Delivery System	5
Refrigeration System	6
E-Box Assembly	7
Merchandiser Assembly	8

CLADDING ASSEMBLY

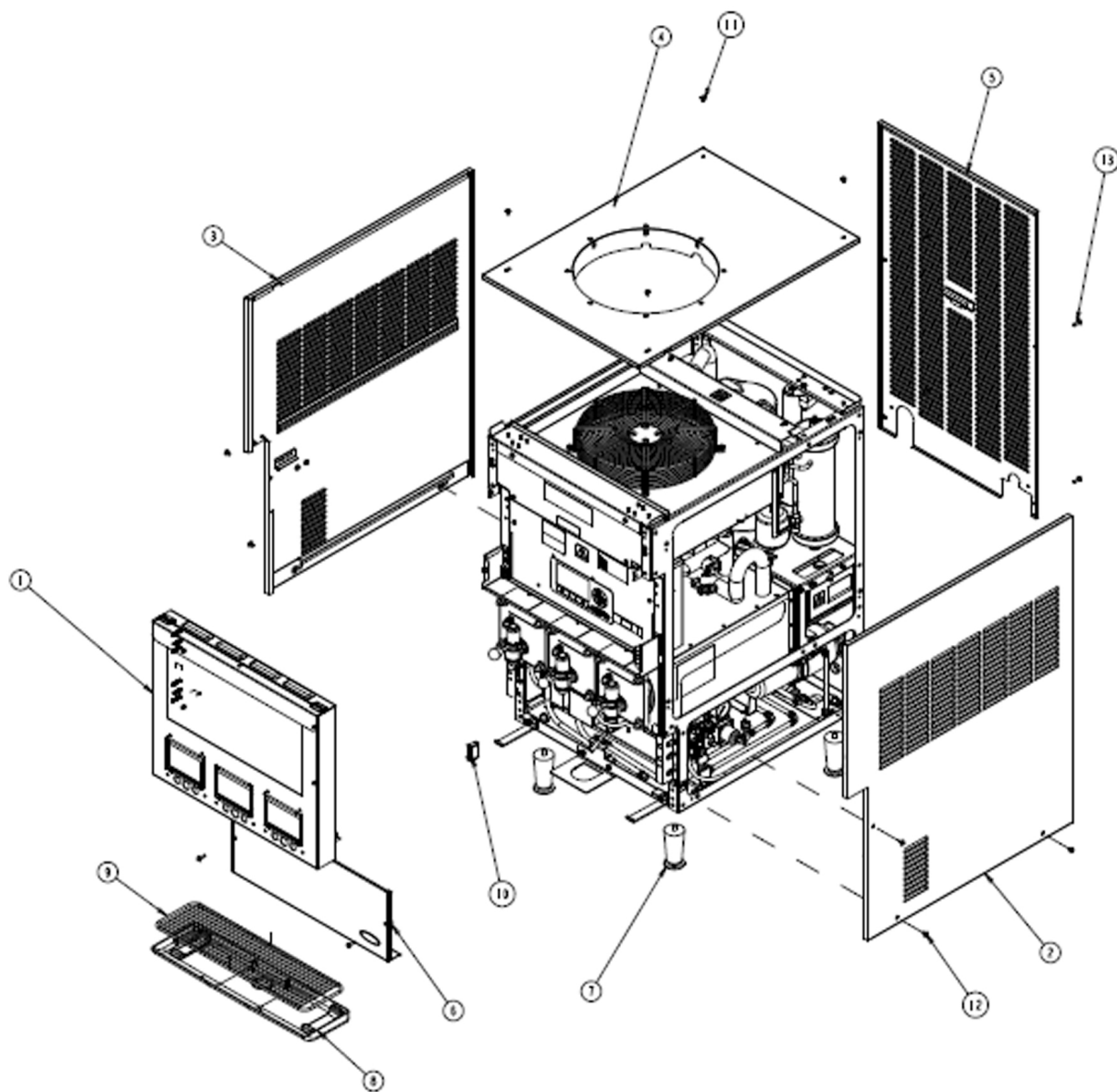


Figure 1.

Table 1. Cladding Assembly

Item	Part No.	Description
1	620048346	Merchandiser Assy (See Figure 8.)
2	620054961	Side panel Right
3	620051960	Side panel left
4	620053957	Top Panel 3FL -SS
5	620053955	Rear Panel 3FL - SS
6	629097010	Kit-Splash Panel 3FL
7	70970	Leg, 4 inch
8	620043016	Drip Tray -3FL
9	620043018	Cup Rest -3FL
10	560001783	Latch Door 2 Piece PLSTC

Table 1. Cladding Assembly

Item	Part No.	Description
11	629096928	Kit-Install 3B (not shown)
12	620045298	Screw 10-32 X 3/4" Type F TRPH STZ1
13	620045297	Screw 10-32 X 3/4" Type F TRPH STZ1
14	629097020	Rear Merchandiser (Optional-Not Shown)

FOAM PACK/DRIVE ASSEMBLY

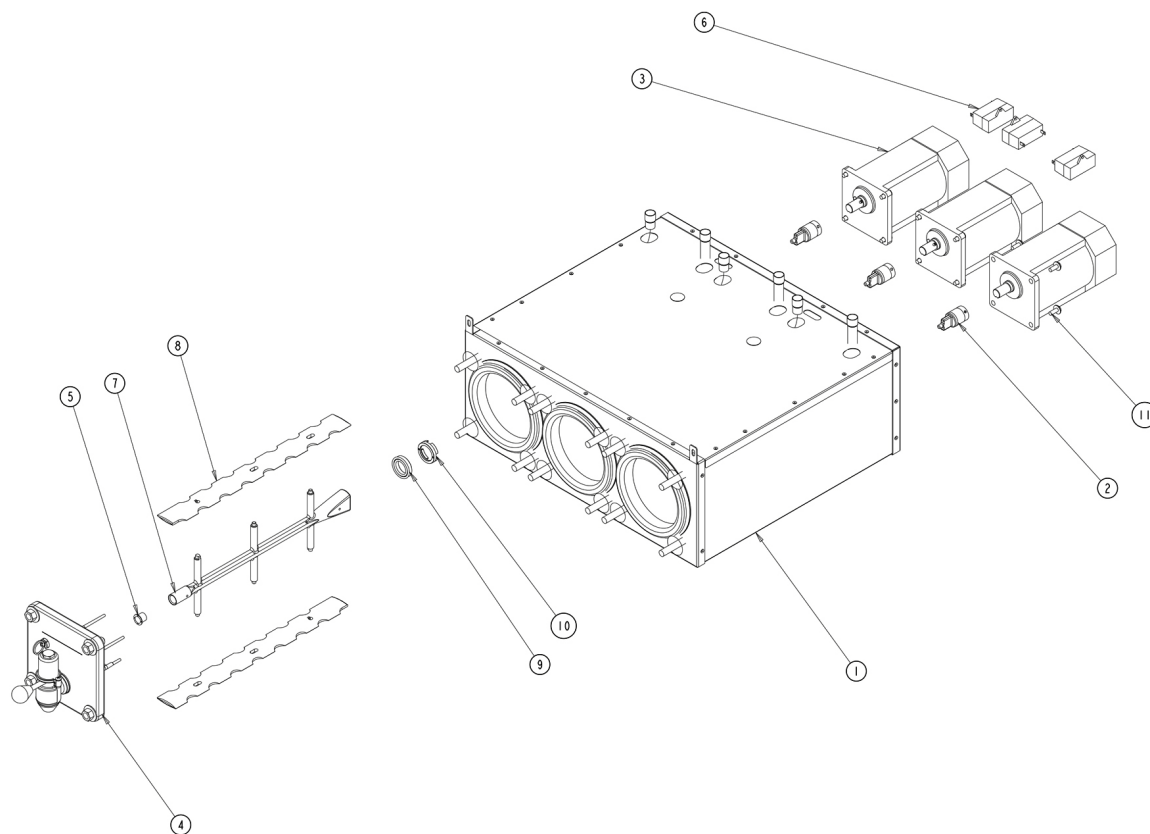


Figure 2.

Table 2. Foam Pack/Drive Assembly

Item	Part No.	Description
1	629096940	Kit-Serv Foam Pack Viper 3 Barrel
2	629096854	Kit-Adapter Drive Shaft w/Set Screw & Dowel
3	620314938S	Kit-Motor Gear Viper w/Cap 60 Hz
	620314941S	Kit-Motor Gear Viper w/Cap 50 Hz
4	620048365	Door Frz Cyl Assy. Kit Motorman (See Fig. 4)
5	2392	Bushing Split Flange .5011D NYL

Table 2. Foam Pack/Drive Assembly

Item	Part No.	Description
6	620314318	Capacitor Run 4.0 uF 450VAC Plastic
	620314325	Capacitor Run 5.0 uF 450VAC Plastic
7	620715735	Body Beater Viper
8	620049806	Blade Scraper Freeze Cyl Viper
9	620045383	Seal Viper Barrel Pack of 10
10	620043162	Spacer Plastic for Utex Seal Viper
11	560003345	Bolt Mach 1/4-20 X 5/8" Slotted Hex STZ1

FACEPLATE ASSEMBLY

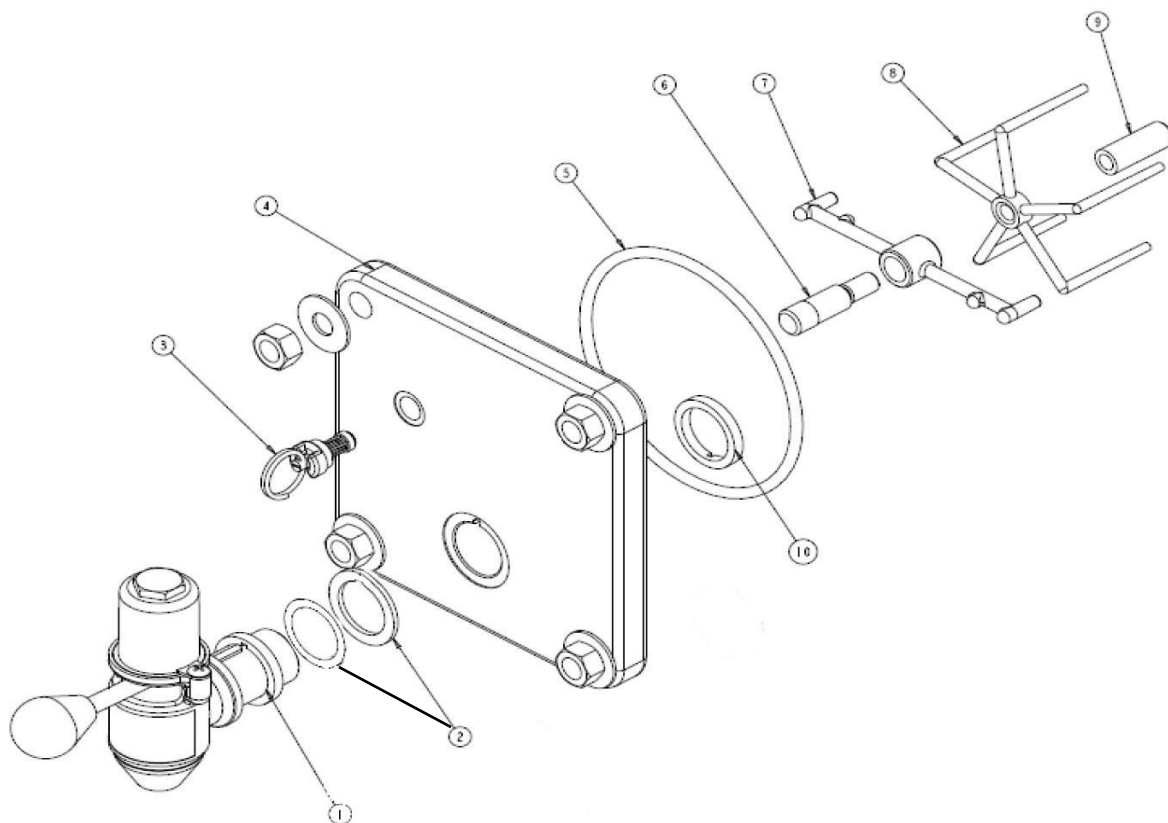


Figure 3.

Table 3. Faceplate Assembly

Item	Part No.	Description
1	620048366	Valve Disp Assy Motorman (See Figure 4.)
2	325936000	Spacer Val 2F FCB VA
3	325954000	Stem Assy R-Val FCB
4	620048667	Door Frz Cyl 2FCB Va
5	320678000	O-Ring 4.60ID 210CS 70DU EY-P

Table 3. Faceplate Assembly

Item	Part No.	Description
6	2361	Shaft Pivot Faceplate FCB V3+
7	321269001	Spinner Frz Cyl
8	322441000	Sensor Visc Mld
9	2358	Pin Beater Bar FCB V3+
10	620047188	Retaining Ring
11	321653000	O-Ring 862ID 103CS 70DU EY-P

MOTORMAN VALVE ASSEMBLY

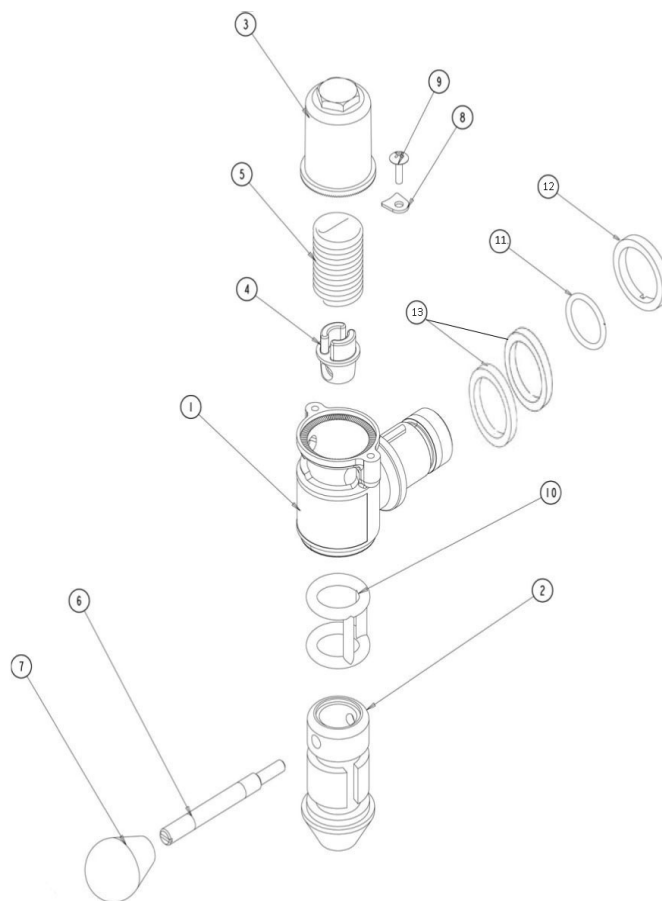


Figure 4.

Table 4. Motorman Valve Assembly

Item	Part No.	Description
1	1556	Body Valve FCB w/Stop
2	1554	Body Valve Ribbed
3	1576	Housing Spring FCB Valve
4	1575	Retainer Spring Valve
5	325305000	Spring Torsion HC FCB
6	321651000	Lever Valve

Table 4. Motorman Valve Assembly

Item	Part No.	Description
7	1555	Knob White
8	325647000	Plate Val FCB
9	317784000	Screw, TC 08-18 TRPH 16 SSPA 25
10	2818	O-Ring Caged FCB Val
11	321653000	O-Ring 862ID 103CS 70DU EY-P
12	321652000	Nut-Shank 1-1/16-16Thd
13	325936000	Spacer Val 2F FCB VA

PRODUCT DELIVERY SYSTEM

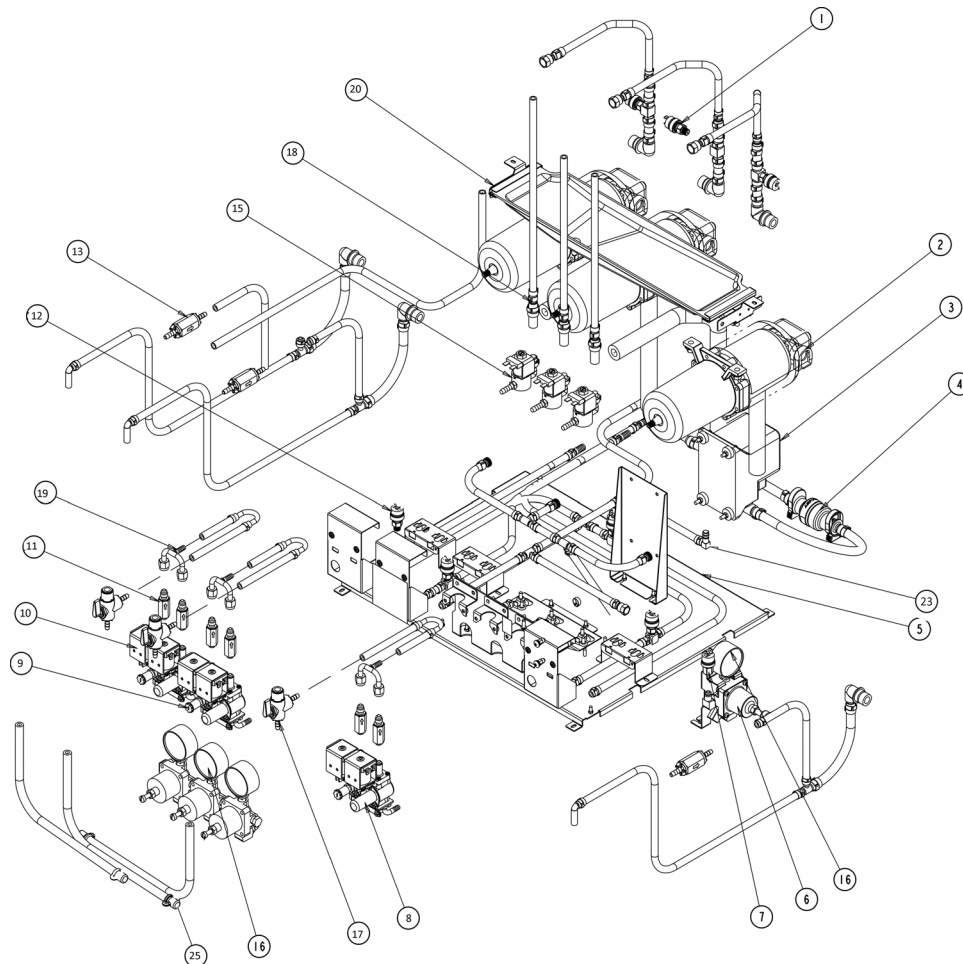


Figure 5.

Table 5. Product Delivery System

Item	Part No.	Description
1	620047352	Sensor Pressure Transducer 0-15 PSIG
2	620518367	Tank Expansion 33Oz FloJet
3	629096937	Kit-Pump Water FloJet
4	620054693	Reg Press Water 30PSIG W 3/8 Fittings
5	620043083	Switch Sold Out Water - Viper
6	183446016	Reg S SQ 30 RV CRTN
7	620313290	Switch Sold Out CO2 - 3 FL Viper
8	620608747	Valve Solnd Assy Wtr 0.82GPM
9	620608746	Valve Solnd Assy Syr 0.21GPM
10	620313722	Solenoid Pull 24VAC 50/60 C.D.
11	560002991	Valve Chk 7/16F X 7/16M CHUD
12	620313291	Switch Sold Out Syrup - 3 FL Viper
13	620609162	Valve Chk 1/4 BARB (2) SMC
14	620720663	Fiting-Push L 3/8 Stem X 1/4 Barb
15	620048073	Valve PWM CO2 1/8NPT 24VAC 50/60
16	183288000	Gauge 30PSI 200KPA
17	620609164	Valve Shut Off 3-Way
18	620048016	Orifice .016ID, SS
19	620720662	Fitg U-Brb 1/4 X 1/4 FL (2)

Table 5. Product Delivery System

Item	Part No.	Description
20	620522937	Condensation Tray
21	620720658	Fitg L-Brb 10/13MM X Port FloJet
22	620720673	Fitg Barb 3/8 X Port SS FloJet
23	620720672	Fitg CO2 L-Brb 1/4 X Port BR FloJet
24	620720659	Fitg Barb 1/4 Schrader
25	620047684	Cap Vinyl .437 ID Plastic
26	174478100	1/4" Beverage Tubing X 100' Roll
27	174292100	3/8" Beverage Tubing X 100' Roll
28	183099000	Kit Repair Reg. Secondary (Not Shown)

REFRIGERATION SYSTEM

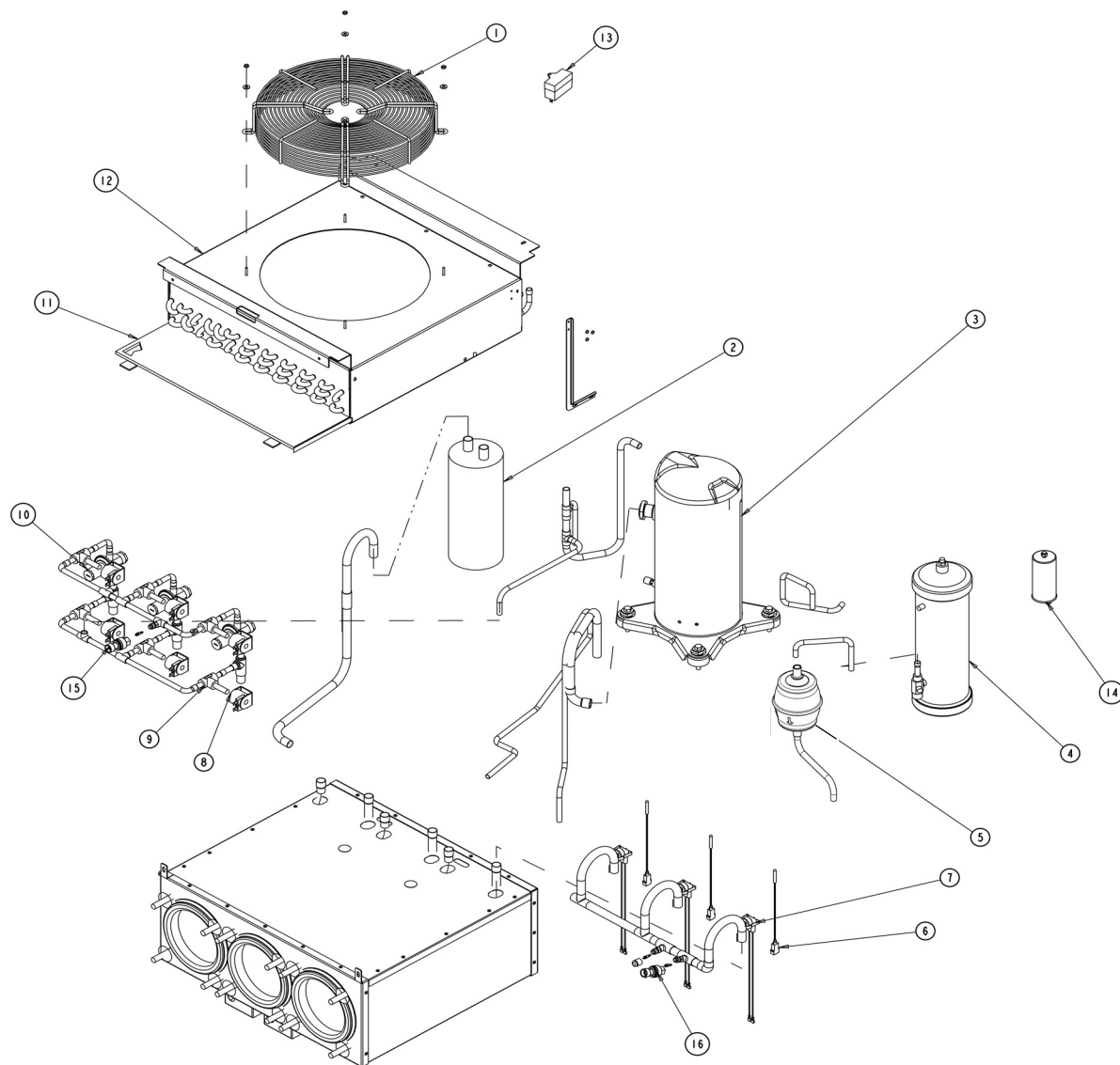


Figure 6.

Table 6. Refrigeration System

Item	Part No.	Description
1	629096902	Kit Condenser Fan Viper 50/60Hz
2	620045372	Accum Suction Foamed Viper
3	629096901	Kit-Comp Scroll Copeland 404A 60 Hz - ZB19
	629096900	Kit-Comp Scroll Copeland 404A 50 Hz - ZB21
4	638036188	Receiver, 120Cu In.
5	60686	Dryer 27 IN3 Sngl 381ID R404
6	629096938	Kit-Sensor Thermistor 5K Ohm Viper
7	629096942	Kit-Sw. Therm. C/O Leaded Set 120F
8	620313726	Solenoid Coil EVU 24VAC 50/60HZ

Table 6. Refrigeration System

Item	Part No.	Description
9	620609157	Valve, Solenoid EVU-3
10	620609156	Valve, Expansion Automatic A7-B
11	620608618	Filter, Air 18.00" X 19.00" 3 FL Viper
12	620608016	Cond-Coil Assy - 3 FL Viper
13	620314318	Capacitor, Run 4.0uF 450VAC Plastic
	620314319	Cap., Run 45uF 370VAC Stud-Mnt-60Hz
	620043082	Cap., Run 50uF 370VAC Stud-Mnt-50Hz
15	620314540	Sensor Transducer 500 PSI Refrig
16	620314539	Sensor Transducer 300 PSI Refrig

E-Box ASSEMBLY

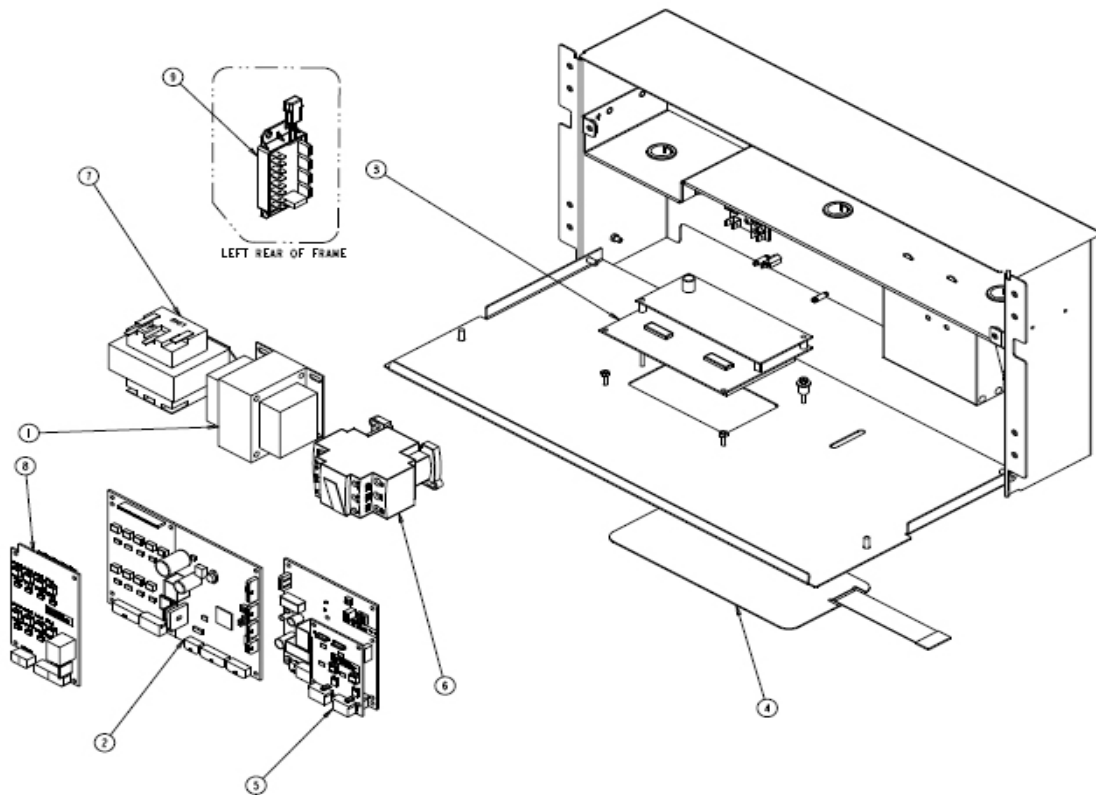


Figure 7. E-Box Assembly

Table 7. E-Box Assembly

Item	Part No.	Description
1	620710739S	Transformer 60+75VA 240V:24V 50/60HZ
2	620314869-200S	Kit-Board 3 FL Viper Ctl_Main I/O Board Ver. 2
3	620314871-200S	Kit-Board 3 FL Viper Ctl_U/I Board Ver. 2
4	629096275S	Kit-Key Pad Ctl Viper
5	620045351S	Kit-Board Viper Ctl_Motor Control Board
6	620314029	Relay Compress 24VAC Coil 600VAC Contacts
7	620710737S	Transformer 80VA 240V; 24V 60Hz
8	620314870S	Kit Brd Expander 3FL Viper CTL Main IO Brd
9	620047160	PCBA Analog Pressure Switch

Table 8. Harness Assemblies (Not Shown)

Item	Part No.	Description
1	620043061	Harness Main E-Box to Merchandiser W/ 24VAC
2	620043067	Harness, Secondary, Exp Transformer
3	620045291	Harness, Motor Ground
4	620323046	Harness, Mn E-Box IO PCBA to Sold-Out Sw
5	620323247	Harness, Main E-Box IO PCBA to 24VAC Strip
6	620323348	Harness, Main E-Box Mtr Cont PCBA to Motor 1
7	620323657	Harness, Main Power E-Box 240VAC Pwr Sply
8	620323661	Harness, Compressor Ground
9	620323662	Harness, Mn E-Box IO PCBA to AC Loads

Table 8. Harness Assemblies (Not Shown)

Item	Part No.	Description
10	620323663	Harness, Mn E-Box IO PCBA to LCD Usr Intrfc PCBA
11	620323664	Harness, Mn E-Box 24VAC Strip to Mtr PCBA
12	620323665	Harness Pwr E-Box IO PCBA to Mtr Cntrl PCBA, Comm
13	620323667	Harness, Mn E-Box Mtr Cntrl PCBA to 24VAC Sply Pwr E-Box
14	620323668	Harness, Mrchdsr Mn LED Stat to Extnr LED Stat
15	620323669	Harness, Pwr. E-Box 240VAC Compr Cap
16	620323670	Harness, Pwr E-Box 240VAC Compr Cont.
17	620323671	Harness, Pwr 240VAC to Condenser Fan Contact
18	620323700	Harness, Mn E-Box to TCO
19	620323706	Harness, Mn E-Box Mtr Cntrl PCBA to Mtr 2
20	620323716	Harness, Mn E-Box AC Loads 3-Brl
21	620323717	Harness, Mn E-Box Mtr Cntrl PCBA to Mtr 3
22	620323718	Harness, Mn E-Box IO PCBA to Sold-Out Sw Brl 3
23	620323719	Harness, Mn E-Box IO PCBA to Therm 3-Brl
24	620323729	Harness, Dual Pres. Transducer
25	620323731	Harness, Condenser Fan, Long
26	620323732	Harness, Compressor Pwr, Long
27	620323733	Harness, Primary, Second Transformer
28	620323738	Harness, Mn E-Box to Mn Transformer
29	620047351	Harness Analog Pressure Switch PCBA 24VAC
30	620047350	Harness Analog Pressure Switch
31	620057123	Harness Switch Connector Extension TB

MERCHANDISER ASSEMBLY

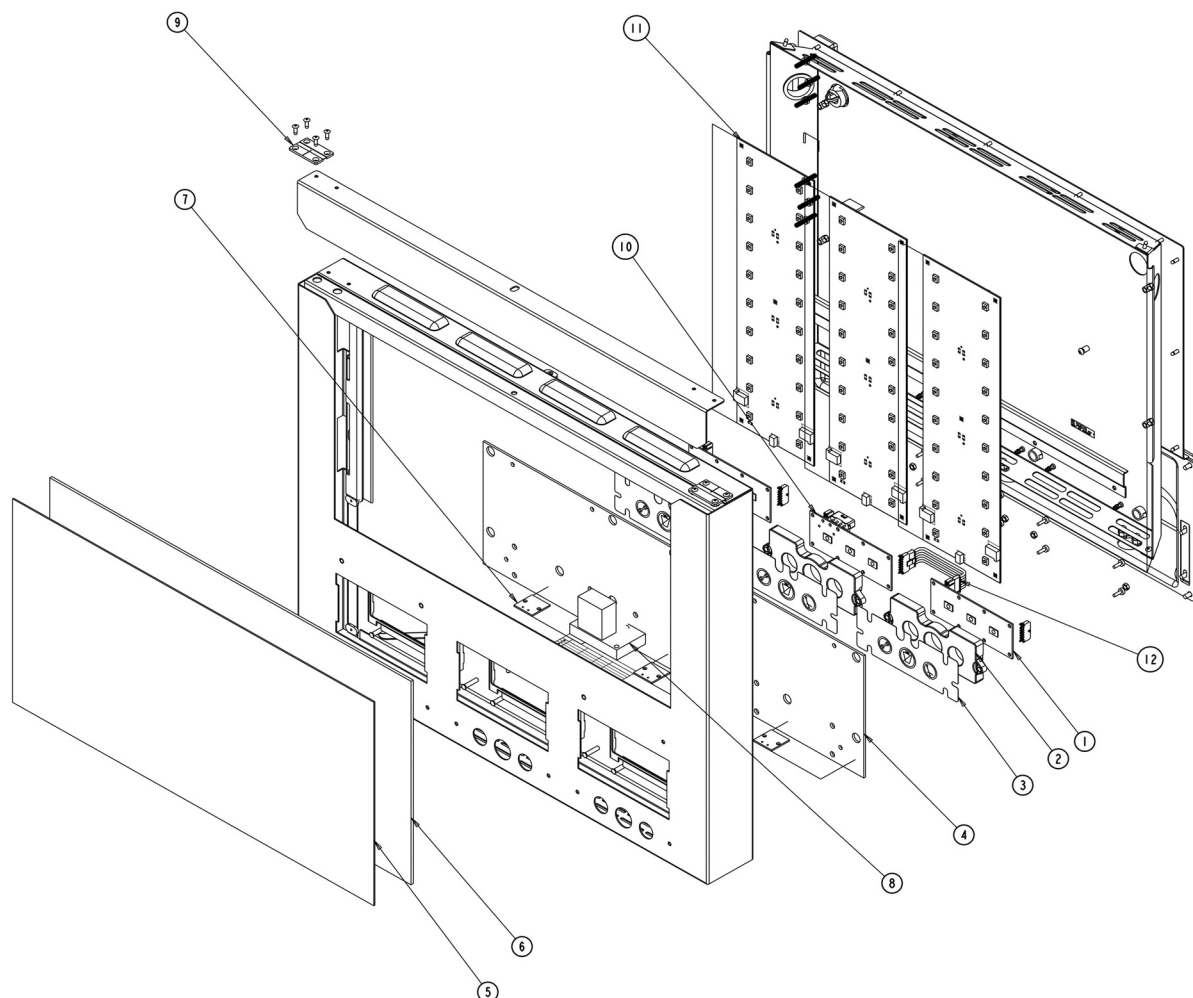


Figure 8.

Table 9. Merchandiser Assembly

Item	Part No.	Description
1	620314875S	Kit-Board Viper Ctl_Barrel Status Extender
2	620518917	Plate Mtg Viper Ctl Barrel Status
3	620928781	Graphic Board Viper Ctl Barrel Status
4	620042855	Diffuser Flavor Card 3FL Viper
5	620048345	Lens Graphic Merchandiser 3FL Viper - Short
6	620048344	Kit-Diffuser Inside Merchandiser 3FL Viper- Short
7	620521775S	Kit-Merchandiser Assy Downlight PCBA

Table 9. Merchandiser Assembly

Item	Part No.	Description
8	620043050S	Kit-Power Supply Assy DC-DC 12V
9	629096926	Kit-Hinge Plastic Merchandiser 3FL Viper 2Pcs
10	620314874S	Kit-Board 3FL Viper Ctl_Barrel Status
11	620521776S	Kit-Merchandiser Assy Backlight PCBA
12	620323668	Harness Main LED Status to Extender LED Status
13	620046771	Hinge for Short Merchandiser Viper (Not Shown)

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